

Page 1
Changed chart(s) since Disc 23-2009
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.
ACT PROCEDURE IDENT INDEX REV DATE EFF DATE

No revision activity since Disc 23-2009

TERMINAL CHART NOTAMs
No Chart NOTAMs for Airport URML

General Info

Makhachkala, RUS
N 42° 49.0' E 47° 39.2' Mag Var: 5.5°E
Elevation: 15'

Public, IFR, Control Tower, Customs, Landing Fee
Fuel: Jet A-1

Time Zone Info: GMT+3:00 uses DST

Runway Info

Runway 14-32 8661' x 138' concrete

Runway 14 (142.0°M) TDZE -1'
Lights: Edge, ALS

Runway 32 (322.0°M) TDZE 12'
Lights: Edge, ALS

Communications Info

ATIS **125.475**
ATIS **124.8** Non-English
Makhachkala Start Tower **121.3** Non-English
Makhachkala Approach Control **119.7** Non-English
Makhachkala Krug Radar **121.3**

Notebook Info

URML/MCX
UYTASH

11 SEP 09 (10-2)

JEPPESEN

MAKHACHKALA, RUSSIA

STAR

URML/MCX
UYTASH

11 SEP 09 (10-2A)

JEPPESSEN

MAKHACHKALA, RUSSIA

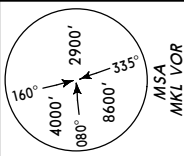
STAI

125.47 (ATIS Russian 124.8)

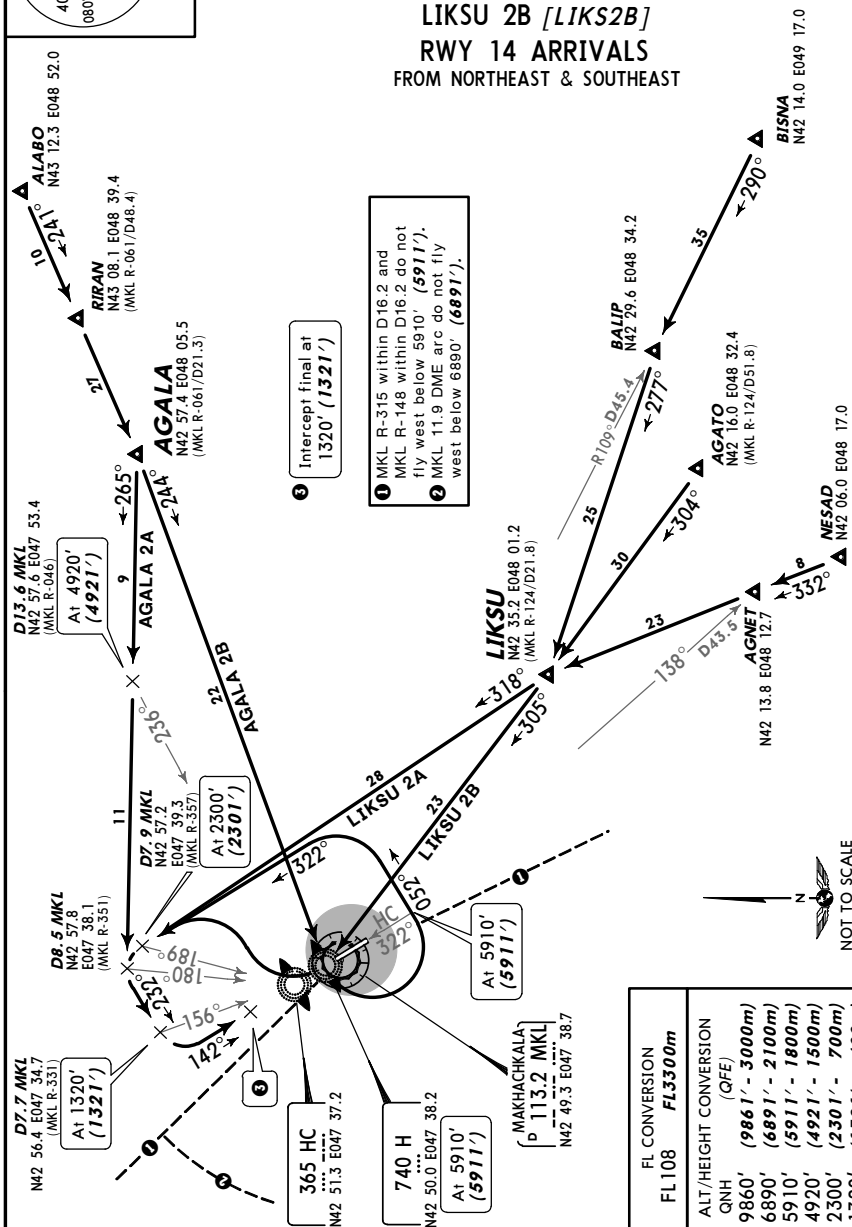
Apt Elev
15'

Alt Set: MM (hPa on request) QNH on request
Trans level: FL108 Trans alt: 9860' **(9861')**
Crossings at airway exit points by ATC.

(QFE)

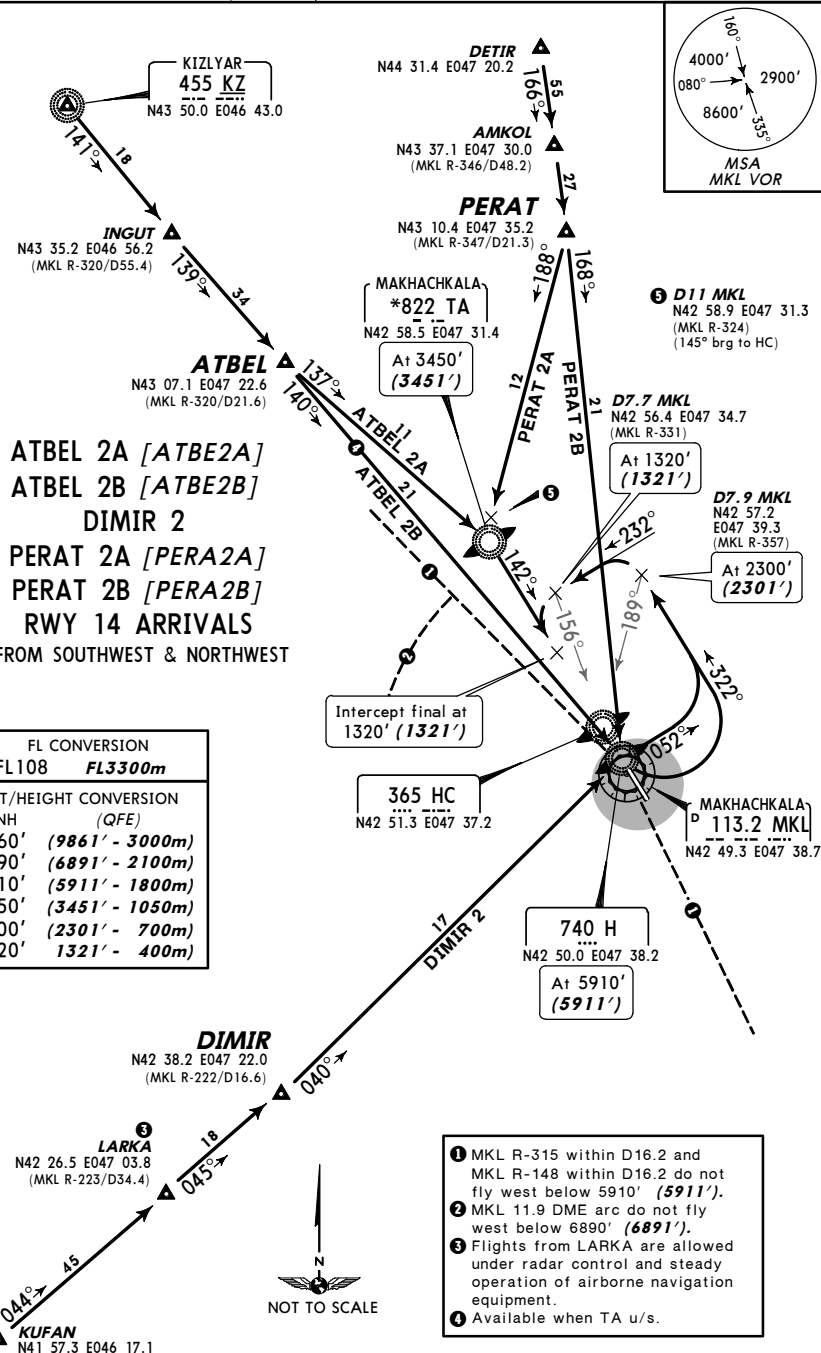


AGALA 2A [AGAL2A]
AGALA 2B [AGAL2B]
LIKSU 2A [LIKS2A]
LIKSU 2B [LIKS2B]
RWY 14 ARRIVALS
FROM NORTHEAST & SOUTHEAST



CHANGES: ATIS commissioned.

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CHANGES: ATIS commissioned

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JEPPESSEN
11 SEP 09 (10-2B)

MAKHACHKALA, RUSSIA

STAR

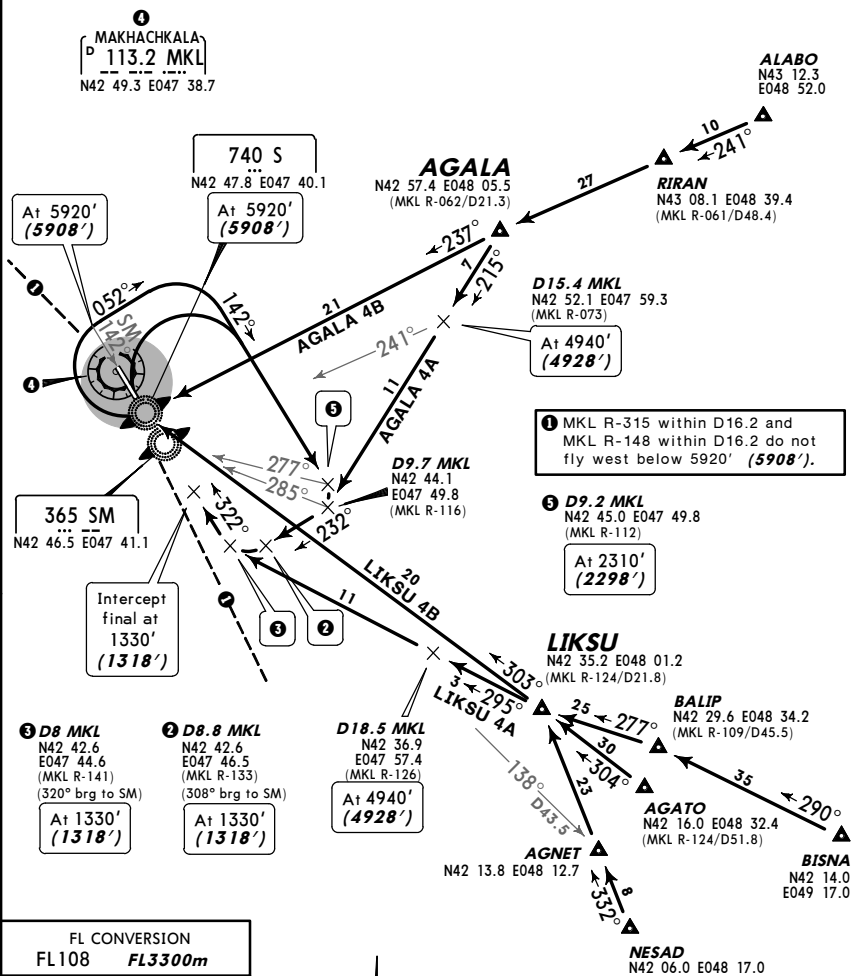
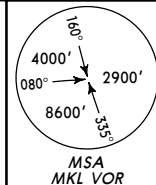
JEPPESEN
JeppView 3.6.3.1

JEPPESEN
11 SEP 09 (10-2C)

MAKHACHKALA, RUSSIA

STAI

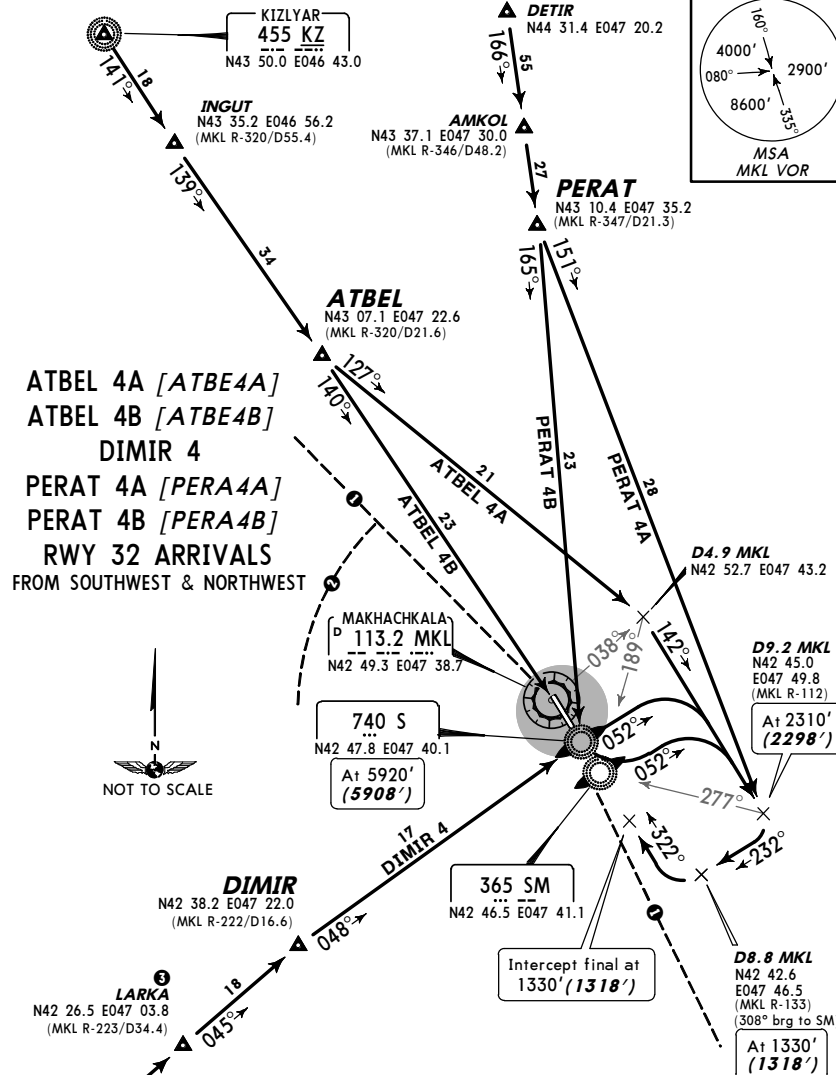
AGALA 4A [AGAL4A]
AGALA 4B [AGAL4B]
LIKSU 4A [LIKS4A]
LIKSU 4B [LIKS4B]
RWY 32 ARRIVALS
FROM NORTHEAST & SOUTHEAST



FL CONVERSION	
FL 108	<i>FL3300m</i>
ALT/HEIGHT CONVERSION	
QNH	<i>(QFE)</i>
9860'	<i>(9848' - 3000m)</i>
5920'	<i>(5908' - 1800m)</i>
4940'	<i>(4928' - 1500m)</i>
2310'	<i>(2298' - 700m)</i>
1330'	<i>(1318' - 400m)</i>

CHANGES: ATIS commissioned.

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- 1 MKL R-315 within D16.2 and MKL R-148 within D16.2 do not fly west below 5920' (**5908'**).
- 2 MKL 11.9 DME arc do not fly west below 6910' (**6898'**).
- 3 Flights from LARKA are allowed under radar control and steady operation of airborne navigation equipment.

FL CONVERSION	
FL108	<i>FL3300m</i>
ALT/HEIGHT CONVERSION	
QNH	(<i>QFE</i>)
9860'	(<i>9848' - 3000m</i>)
6910'	(<i>6898' - 2100m</i>)
5920'	(<i>5908' - 1800m</i>)
2310'	(<i>2298' - 700m</i>)
1330'	(<i>1318' - 400m</i>)

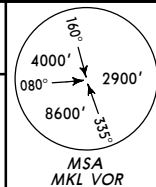
CHANGES: ATIS commissioned.

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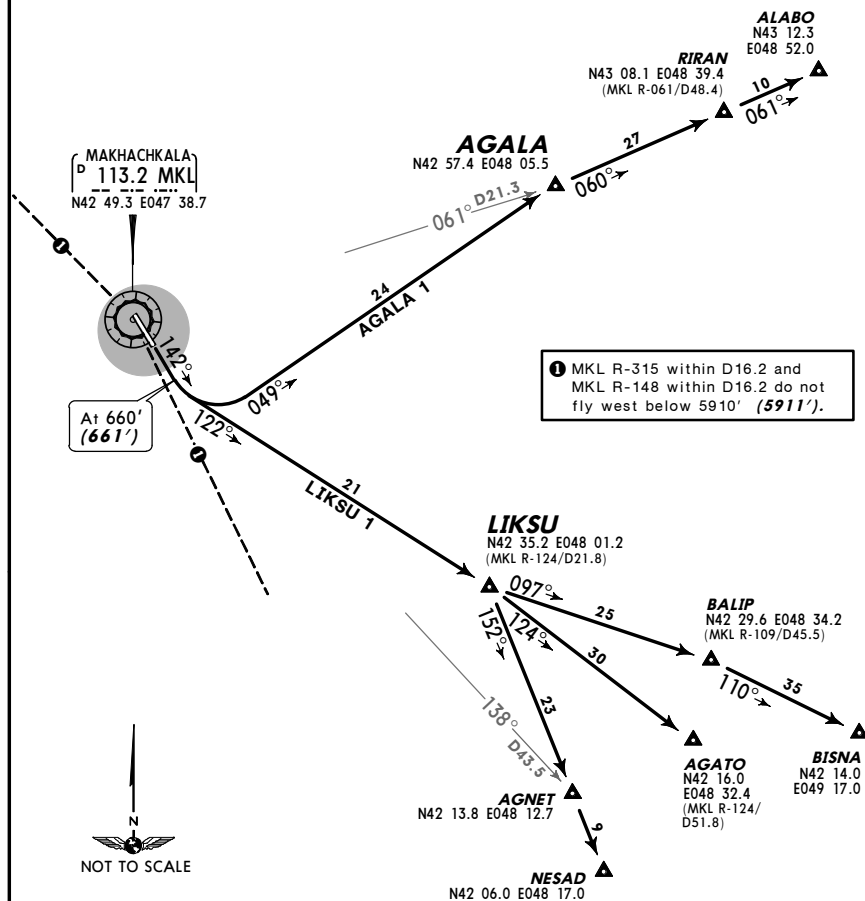
URML/MCX
UYTASH

JEPPesen MAKHACHKALA, RUSSIA
24 APR 09 10-3 Eff 7 May SID

Apt Elev 15'
QNH on request (QFE)
Trans level: FL108 Trans alt: 9860' (9861')
Crossings at airway entry points by ATC.



AGALA 1
LIKSU 1
RWY 14 DEPARTURES
TO NORTHEAST & SOUTHEAST



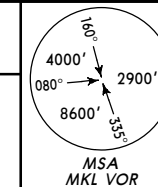
ALT/HEIGHT CONVERSION	
QNH	(QFE)
660'	(661' - 200m)
5910'	(5911' - 1800m)
9860'	(9861' - 3000m)

FL CONVERSION
FL108 FL3300m

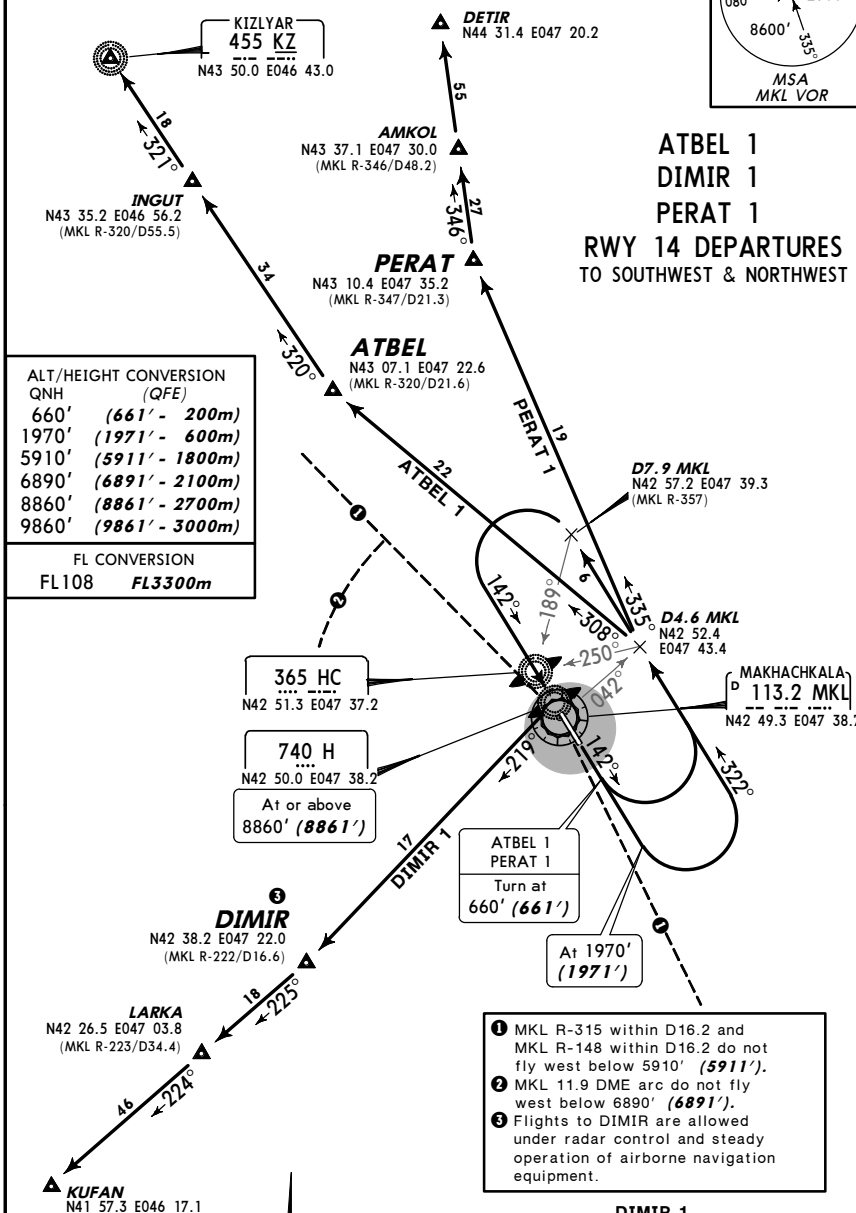
URML/MCX
UYTASH

JEPPesen MAKHACHKALA, RUSSIA
24 APR 09 10-3A Eff 7 May SID

Apt Elev 15'
QNH on request (QFE)
Trans level: FL108 Trans alt: 9860' (9861')
Crossings at airway entry points by ATC.



ATBEL 1
DIMIR 1
PERAT 1
RWY 14 DEPARTURES
TO SOUTHWEST & NORTHWEST



ALT/HEIGHT CONVERSION	
QNH	(QFE)
660'	(661' - 200m)
1970'	(1971' - 600m)
5910'	(5911' - 1800m)
6890'	(6891' - 2100m)
8860'	(8861' - 2700m)
9860'	(9861' - 3000m)

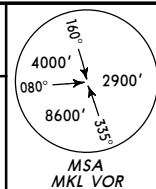
FL CONVERSION
FL108 FL3300m

DIMIR 1	
This SID requires a minimum climb gradient of 255' per NM (4.2%) up to H.	
Gnd speed-KT	75 100 150 200 250 300
255' per NM	319 425 638 851 1063 1276

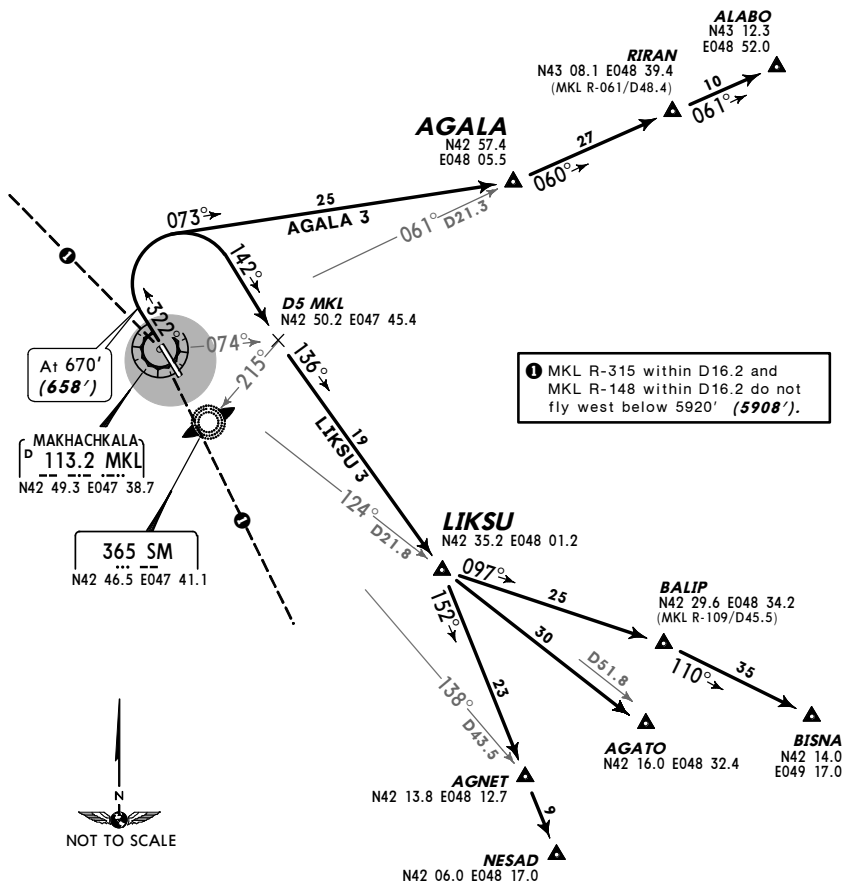
URML/MCX
UYTASH

JEPPesen MAKHACHKALA, RUSSIA
24 APR 09 10-3B Eff 7 May SID

Apt Elev 15'
QNH on request (QFE)
Trans level: FL108 Trans alt: 9860' (9848')
Crossings at airway entry points by ATC.



AGALA 3
LIKSU 3
RWY 32 DEPARTURES
TO NORTHEAST & SOUTHEAST



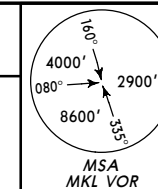
ALT/HEIGHT CONVERSION	
QNH	(QFE)
670'	(658' - 200m)
5920'	(5908' - 1800m)
9860'	(9848' - 3000m)

FL CONVERSION	
FL108	FL3300m

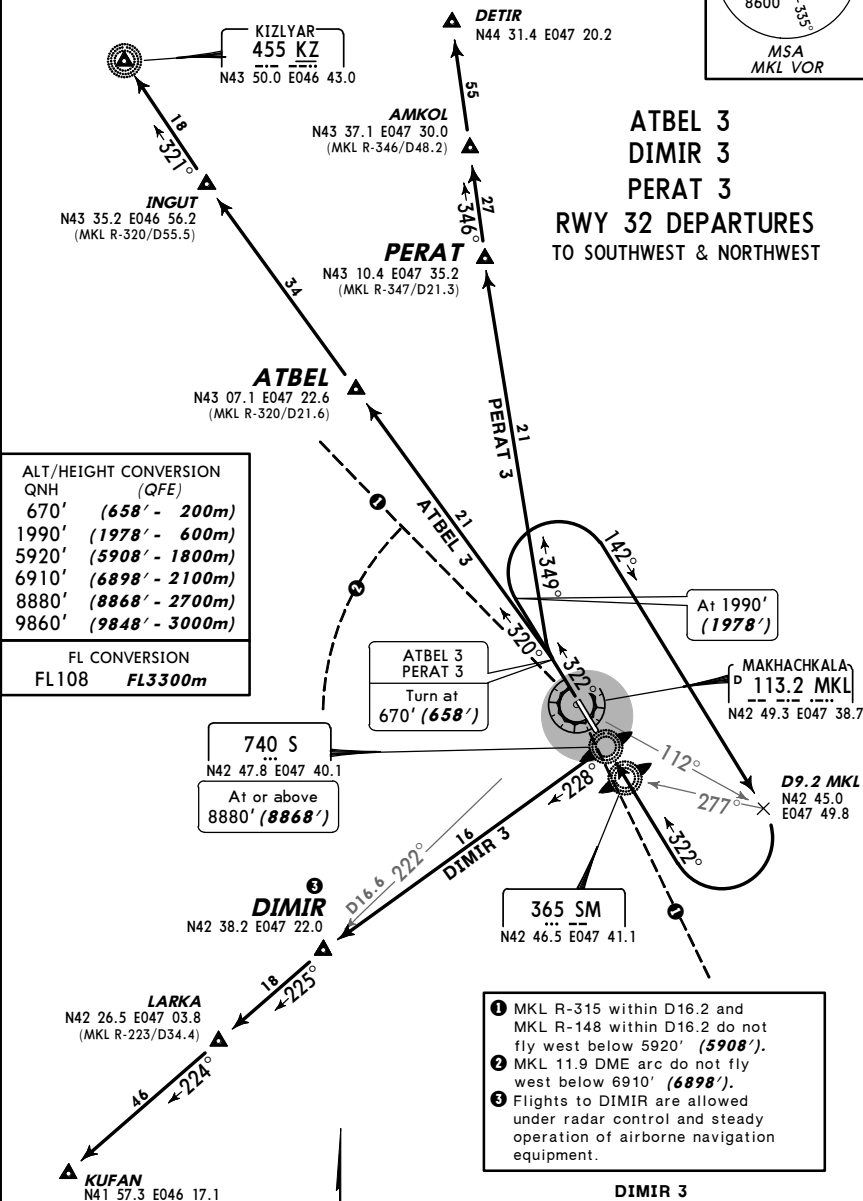
URML/MCX
UYTASH

JEPPesen MAKHACHKALA, RUSSIA
24 APR 09 10-3C Eff 7 May SID

Apt Elev 15'
QNH on request (QFE)
Trans level: FL108 Trans alt: 9860' (9848')
Crossings at airway entry points by ATC.



ATBEL 3
DIMIR 3
PERAT 3
RWY 32 DEPARTURES
TO SOUTHWEST & NORTHWEST



ALT/HEIGHT CONVERSION	
QNH	(QFE)
670'	(658' - 200m)
1990'	(1978' - 600m)
5920'	(5908' - 1800m)
6910'	(6898' - 2100m)
8880'	(8868' - 2700m)
9860'	(9848' - 3000m)

FL CONVERSION	
FL108	FL3300m

DIMIR 3
This SID requires a minimum climb gradient
of
255' per NM (4.2%) up to S.

Gnd speed-KT	75	100	150	200	250	300
255' per NM	319	425	638	851	1063	1276

URML/MCX

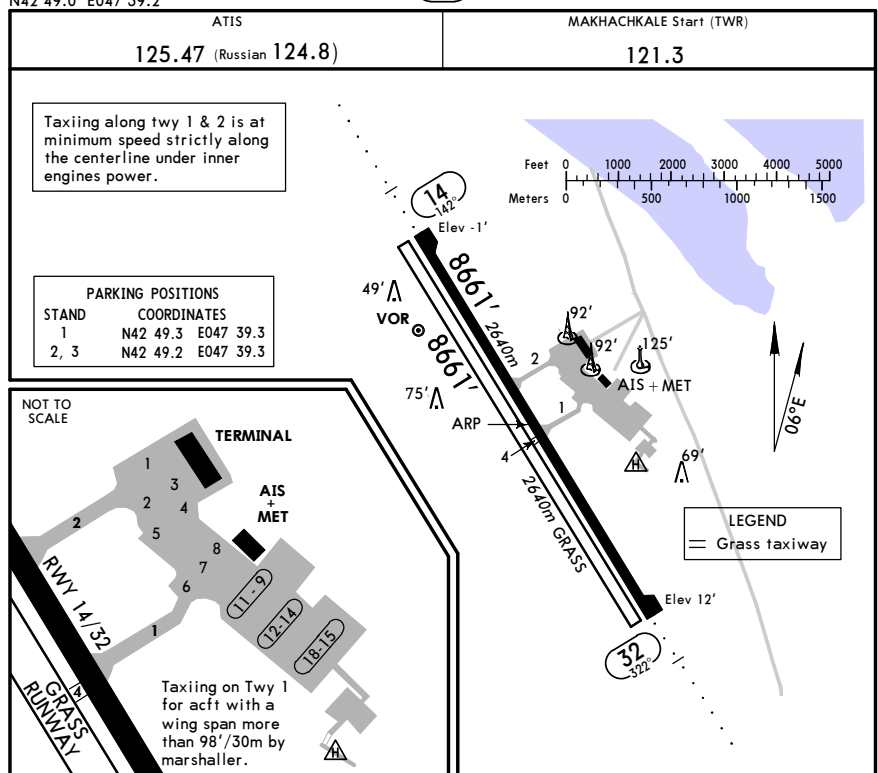
Apt Elev 15'
N42 49.0 E047 39.2

JEPPesen

MAKHACHKALA, RUSSIA

UYTASH

11 SEP 09 (10-9)



ADDITIONAL RUNWAY INFORMATION					
RWY			USABLE LENGTHS		WIDTH
			Threshold	Landing Beyond	
14	32	RL(60m) ALS	RVR	7628' 2325m 7932' 2418m	138' 42m
14	32	Grass runway			230' 70m

1 TAKE-OFF RUN AVAILABLE
RWY 14: From rwy head 8661' (2640m) twy 2 int 5249' (1600m) twy 1 int 4134' (1260m)
RWY 32: From rwy head 8661' (2640m) twy 1 int 4528' (1380m) twy 2 int 3412' (1040m)

TAKE-OFF	
AIR CARRIER (JAA) Main rwy 14/32	
LVP must be in force RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	
B	250m
C	
D	300m

URML/MCX

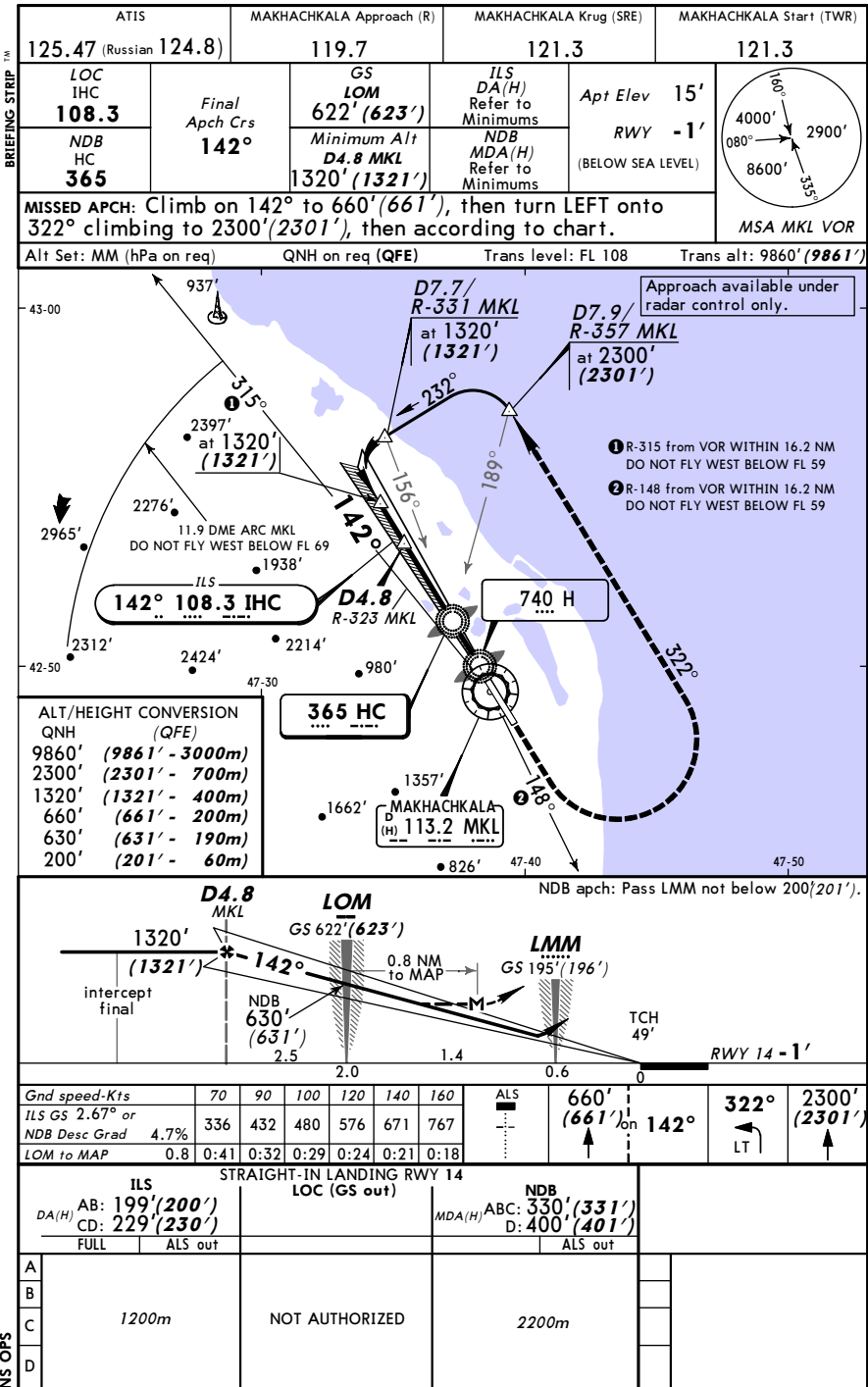
UYTASH

JEPPesen

MAKHACHKALA, RUSSIA

ILS or 2 NDB RWY 14

11 SEP 09 (11-1)



URML/MCX
UYTASH

11 SEP 09 11-2

MAKHACHKALA, RUSSIA
ILS or 2 NDB Rwy 32

